

# INVENTION DISCLOSURE

SEMITOOL, INC.

D98-0054

IN CASE OF MULTIPLE INVENTORS: GET PAGE 2 OF THIS DISCLOSURE;  
EACH INVENTOR MUST FILL OUT INVENTOR INFORMATION.

- Note:
1. Use Ink or Type Only
  2. Do not erase errors. Line through any errors, initial and date.
  3. Describe invention with drawings, sketches, etc. and a written explanation. Drawings may be below or attached. If attached, the inventor(s) and witnesses must sign and date each sheet.
  4. Describe the advantages of this invention compared to the current approach, if any.
  5. Inventor(s) and two (2) witnesses must sign and date each sheet.
  6. Send original signed documents to the Intellectual Property Department. Retain a personal copy.

Inventor's Full Name (include middle initial, jr., sr., I, II, etc.)

Steven L. Peace

Check Box if there is more than one inventor (use page two of disclosure for additional inventors)

Inventor's Physical Home Address:

745 Hidden Valley Drive  
Whitefish, MT 59937

Inventor's Citizenship: USA

Title of Invention: Single Sided Etch

Tool or Process: HF Etch of Oxide, Single Water, Also copper etch w/ HNO<sub>3</sub>

Sketch, Explanation and Advantages:

See attached sketch

EXHIBIT

A

Signature(s) of Inventor(s):

Date:

Date of Conception:

Date of First Sketch/Drawing:

Steven L. Peace

Witnessed and Understood By:

Date:

Date of Written Description:

Working Model Prepared?

① Tony [Signature]

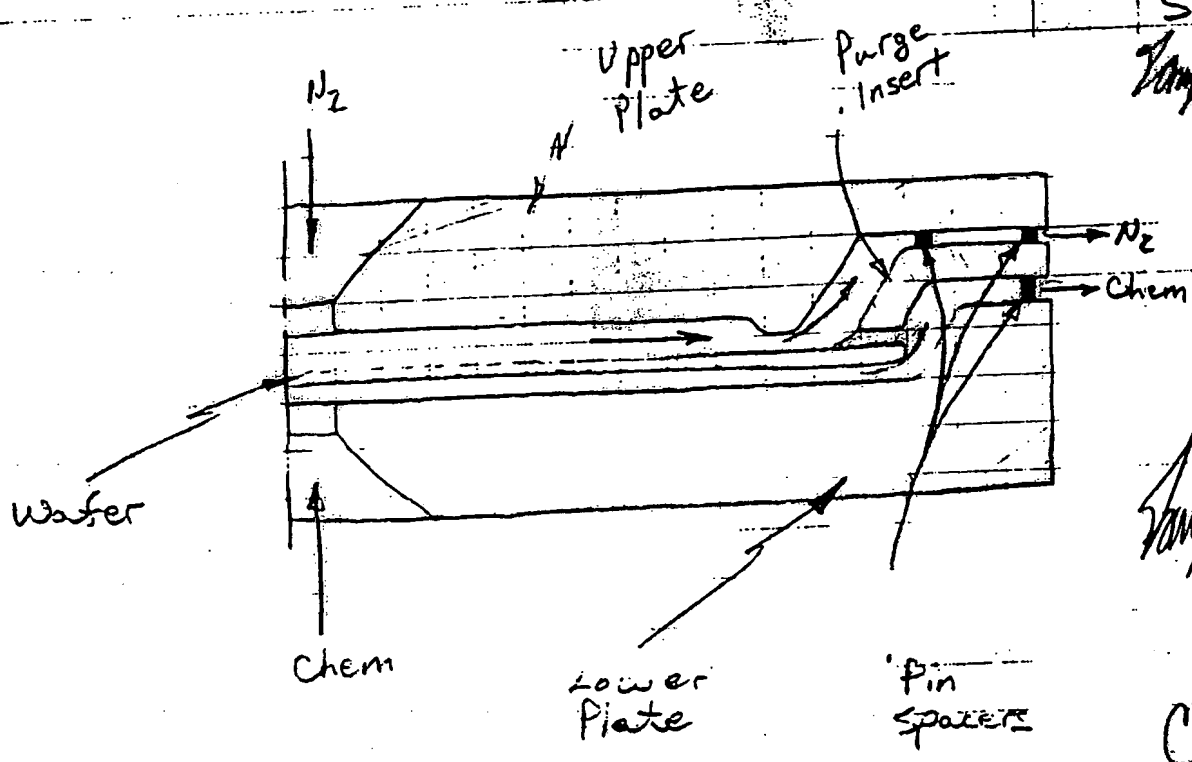
② [Signature]

Yes / No

Date:

130

S. Peace  
*[Signature]*

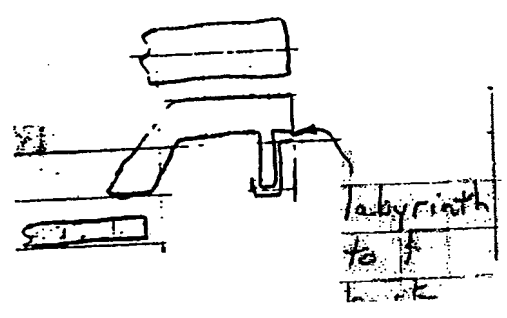
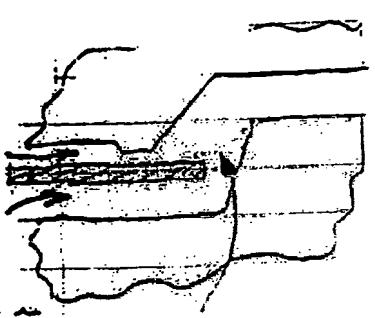


*[Signature]*

Cory G...

Purge Insert attached to upper plate  
 & spaced to form gap

- Lower plate spaced from upper plate  
 Gap needs to be small enough  
 to back chem up over top  
 of wafer
- $N_2$  delivered on top to remove  
 vapors
- Chemistry may wick between purge  
 insert & wafer hard to  
 evacuate?



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Brian Aegerter, et al.

Application No.: 10/647,914

Conf. No.: 2441

Filed On: August 26, 2003

For: SELECTIVE TREATMENT OF MICROELECTRONIC  
WORKPIECE SURFACES

Art Unit: 1746

Examiner: Michail Kornakov

Docket No.: 114183-20 (P00-0024US3)

REPLACEMENT DECLARATION  
AND POWER OF ATTORNEY

As one of the below-named inventors, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am one of the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "SELECTIVE TREATMENT OF MICROELECTRONIC WORKPIECE SURFACES", the specification of which was originally filed on September 28, 2000 as United States Application No. 09/672,572 and a continuation of that application filed on August 26, 2003 as United States Application No. 10/647,914.

Application No. 10/647,914  
Replacement Declaration And Power Of Attorney  
September 11, 2006

The attorneys of record listed below are hereby authorized and requested by the undersigned to insert in this Declaration the filing date and Application Number thereof in the places provided therefore.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(A) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the Application on which priority is claimed: NONE

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number

Filing Date

60/117,474

January 27, 1999

60/116,750

January 23, 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States Application(s), or § 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims

Application No. 10/647,914  
Replacement Declaration And Power Of Attorney  
September 11, 2006

of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>
09/437,926	November 10, 1999	copending
09/437,711	November 10, 1999	copending
PCT/US99/05674	March 15, 1999	copending
PCT/US99/05676	March 15, 1999	copending
09/041,649	March 13, 1998	
09/113,435	July 10, 1998	
09/041,901	March 13, 1998	

Attached hereto as Exhibit A is a copy of the declaration that was executed on March 19, 2001 in United States Application No. 09/672,572 filed on September 28, 2000.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:


Application No. 10/647,914  
Replacement Declaration And Power Of Attorney  
September 11, 2006

Lewis T. Steadman	17,074
Keith V. Rockey	24,713
Kathleen A. Lyons	31,852
Robert J. Depke	37,607
Paige A. Kitzinger	45,219
Daniel Bestor	58,439

Send correspondence and direct telephone calls to:

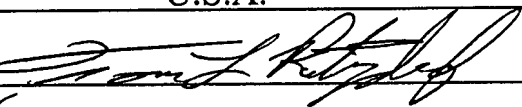
Keith V. Rockey  
Rockey, Depke, Lyons & Kitzinger, LLC  
Sears Tower, Suite 5450  
233 South Wacker Drive  
Chicago, IL 60606  
Telephone: 312-277-2006  
Facsimile: 312-441-0570

I hereby declare all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name Of Inventor: Brian K. Aegerter  
Residence: 27 7<sup>th</sup> Avenue West, Kalispell, MT 59901  
Post Office Address: 27 7<sup>th</sup> Avenue West, Kalispell, MT 59901  
Citizenship: U.S.A.  
Inventor's Signature:   
Date: 24 OCT 06

Application No. 10/647,914  
Replacement Declaration And Power Of Attorney  
September 11, 2006

Full Name Of Inventor: Curt D. Dundas  
Residence: 715 Liberty Street, Apt. 3, Kalispell, MT 59901  
Post Office Address: 715 Liberty Street, Apt. 3, Kalispell, MT 59901  
Citizenship: U.S.A.  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Full Name Of Inventor: Tom L. Ritzdorf  
Residence: 3130 Parkwood, Big Fork, MT 59911  
Post Office Address: 3130 Parkwood, Big Fork, MT 59911  
Citizenship: U.S.A.  
Inventor's Signature:   
Date: 10/10/2006

Full Name Of Inventor: Gary L. Curtis  
Residence: 4425 Fawn Trail, Loveland, CO 80537  
Post Office Address: 4425 Fawn Trail, Loveland, CO 80537  
Citizenship: U.S.A.  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Full Name Of Inventor: Michael Jolley  
Residence: 14325 S.W. Stallion Drive, Beaverton, OR 97008  
Post Office Address: 14325 S.W. Stallion Drive, Beaverton, OR 97008  
Citizenship: U.S.A.  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Application No. 10/647,914  
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Full Name Of Inventor: Curt D. Dundas  
Residence: 715 Liberty Street, Apt. 3, Kalispell, MT 59901  
Post Office Address: 715 Liberty Street, Apt. 3, Kalispell, MT 59901  
Citizenship: U.S.A.

Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Full Name Of Inventor: Tom L. Ritzdorf  
Residence: 3130 Parkwood, Big Fork, MT 59911  
Post Office Address: 3130 Parkwood, Big Fork, MT 59911  
Citizenship: U.S.A.

Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

Full Name Of Inventor: Gary L. Curtis  
Residence: ~~1464 GLENDA CT~~ 4425 Fawn Trail, Loveland, CO 80537  
Post Office Address: ~~1464 GLENDA CT~~ 4425 Fawn Trail, Loveland, CO 80537  
Citizenship: U.S.A.

Inventor's Signature:   
Date: 9-27-2006

Full Name Of Inventor: Michael Jolley  
Residence: 14325 S.W. Stallion Drive, Beaverton, OR 97008  
Post Office Address: 14325 S.W. Stallion Drive, Beaverton, OR 97008  
Citizenship: U.S.A.

Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_



Application No. 10/647,114  
Replacement Declaration And Power Of Attorney  
September 11, 2006

Full Name Of Inventor: Steven L. Peace  
Residence: 745 Hidden Valley Drive, Whitefish, MT 59937  
Post Office Address: 745 Hidden Valley Drive, Whitefish, MT 59937  
Citizenship: U.S.A.  
Inventor's Signature: *Steven L. Peace*  
Date: 9/29/06